

JX0

COMPACT VERTICAL ORDER PICKER

 136/90/110* kg  3615 mm  24 V Lead Acid/Li-ion



The JX0 series is purpose-built for e-commerce, retail, and general warehouse environments where frequent low- to mid-level order picking is required. Its compact 750 mm width and 1260 mm turning radius allow easy operation in narrow aisles and crowded storage areas. The model's automatic travel speed adjustment based on lifting height ensures both efficiency and safety. With options for lead-acid or Li-ion batteries, the JX0 adapts to various working schedules and energy requirements.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			JX0
Battery voltage		V	24
Rated capacity	Q	kg	136/90/110*
Service weight		kg	800
Height, mast lowered	h_1	mm	1375
Lift	h_3	mm	3615
Height, mast extended	h_4	mm	4090
Overall length	l_1	mm	1440
Overall width	b_1/b_2	mm	750
Turning radius	W_a	mm	1260
Drive			Electric
Operator type			Order-picker
Wheelbase	y	mm	1095
Axle loading, laden front/rear		kg	673/467
Axle loading, unladen front/rear		kg	380/420

Features

Safe and efficient order picking

The JX0 provides a stable and efficient alternative to ladders and traditional pickers. With a picking height of 4.5 m, it allows operators to reach high racks safely and comfortably, significantly improving picking productivity in tight storage environments.



Intuitive driving and control system

Featuring a mini steering wheel on the left and speed/direction control on the right, the JX0 ensures smooth and precise handling. The integrated LCD display provides clear information about battery level, driving direction, and operating hours, enhancing user awareness and control.

Compact and ergonomic design

With a width of 750 mm and turning radius of only 1260 mm, the JX0 is perfect for narrow aisles. Its spacious operator compartment, fingertip control buttons, and 180° steering capability allow easy, fatigue-free operation throughout extended shifts.



Li-ion battery for maximum uptime

Equipped with a 24V/135Ah Li-ion battery and a single-phase 24V-30A integrated charger, the JX0 supports fast opportunity charging with minimal downtime. The maintenance-free Li-ion system ensures consistent performance, reduced operating costs, and environmental sustainability.

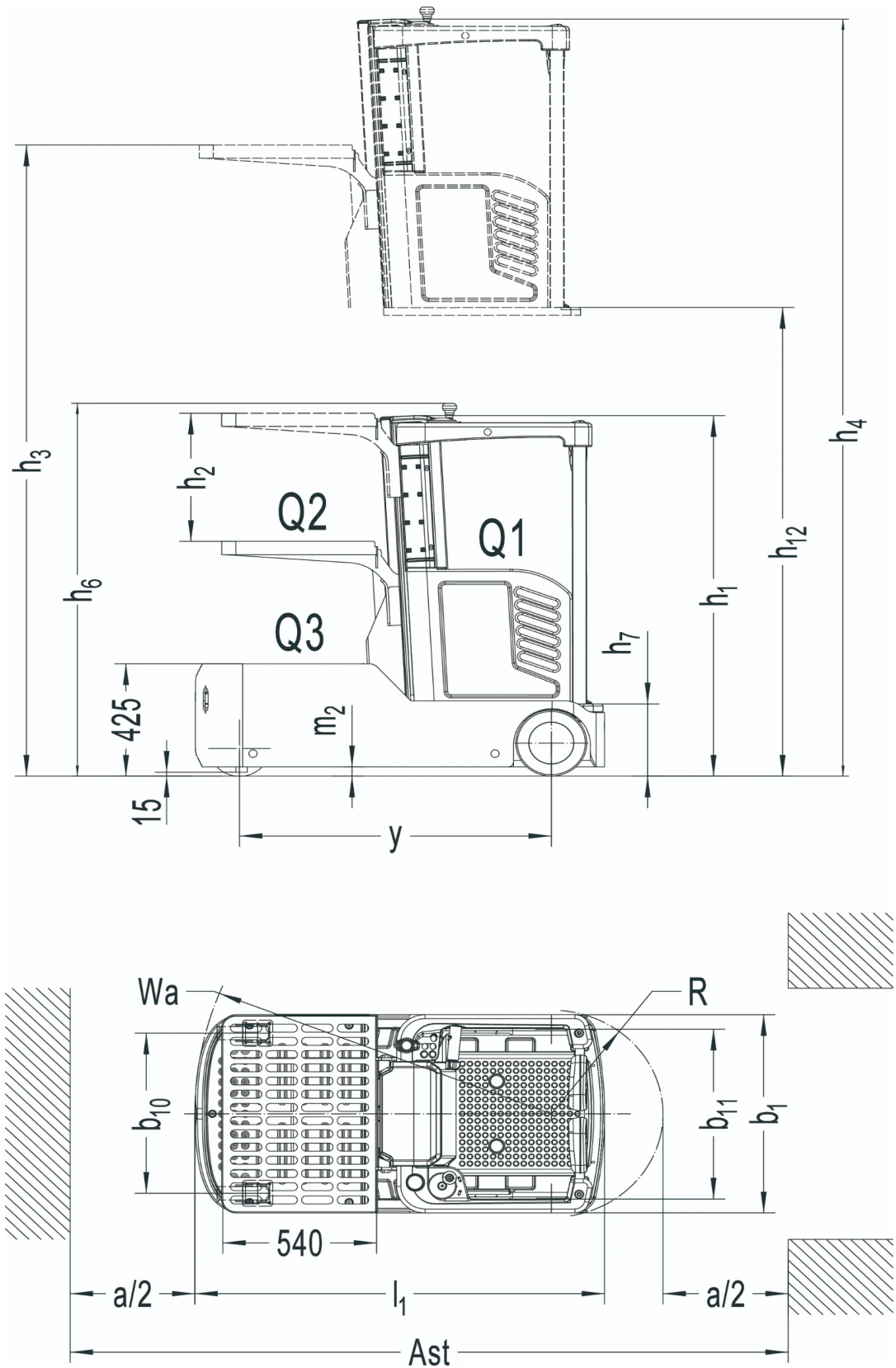
VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP

	SPECIFICATION	REF	UNIT	VALUE
1.2	Model designation			JX0
1.3	Drive			Electric
1.4	Operator type			Order-picker
1.5	Rated capacity	Q	kg	136/90/110*
1.9	Wheelbase	y	mm	1095
2.1	Service weight		kg	800
2.2	Axle loading, laden front/rear		kg	673/467
2.3	Axle loading, unladen front/rear		kg	380/420
3.1	Tyres			Polyurethane/Solidrubber
3.2	Tyre size, front		mm	φ210×70
3.3	Tyre size, rear		mm	φ250×100
3.4	Additional wheels (castor wheels)		mm	φ74×48
3.5	Wheels, number front/rear (x=drive wheels)			1×, 2/2
3.6	Tread width, front	b ₁₀	mm	545
3.7	Tread width, rear	b ₁₁	mm	640
4.2	Height, mast lowered	h ₁	mm	1375
4.3	Free lift	h ₂	mm	485
4.4	Lift	h ₃	mm	3615
4.5	Height, mast extended	h ₄	mm	4090
4.7	Height of overhead guard (cabin)	h ₆	mm	1425
4.8	Seat height relating to SIP/stand height	h ₇	mm	3000
4.14	Stand height, elevated	h ₁₂	mm	3000
4.19	Overall length	l ₁	mm	1440
4.21	Overall width	b ₁ /b ₂	mm	750
4.32	Ground clearance, centre of wheelbase	m ₂	mm	35
4.35	Turning radius	wa	mm	1260
5.1	Travel speed, laden/unladen		km/h	6/6.5
5.2	Lift speed, laden/unladen		m/s	0.22/0.27
5.3	Lowering speed, laden/unladen		m/s	0.31/0.25
5.8	Max. gradeability, laden/unladen		%	5/8
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	0.65
6.2	Lift motor rating at S3 15%		kW	2.2
6.4.1	Battery voltage		V	24

SPECIFICATION		REF	UNIT	VALUE
6.4.2	Battery nominal capacity K5		Ah	120 135
6.4.3	Battery type			Lead Acid/Li-ion
6.5	Battery weight		kg	77
6.6	Energy consumption according to DIN EN 16796		kWh/h	0.65
8.1	Type of drive unit			DC
10.5	Steering design			Electronic
10.7	Sound pressure level at the driver's seat		dB(A)	60
15.1	Charger output current		A	15

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.



Options

ITEM	OPTIONS (optional items marked in yellow)
Load wheel type	Single
Load wheel material	Rubber
Drive wheel material	PU
Battery capacity	120Ah Lead acid battery 135Ah Li-ion battery
Charger	24V-15A integrated charger for Lead acid battery 24V-30A integrated charger for Li-ion battery
Battery indicator	With time
Electrostatic chain	Standard:Yes and not customized
Castor wheels	Yes and not customized
Blue lamp	Front blue lamp
Buzzer	Drop buzzer Running buzzer Reversing buzzer
Guide wheel	No Yes and not customized
Overhead guard	No
Options	-